

IN THE CLAIMS:

Please amend the claim as follows:

1. (Currently Amended) A reciprocating seal provided in an annular space formed between a shaft and a housing, which move relatively to each other in a direction of the shaft, said reciprocating seal comprising

a seal lip brought into sliding contact with a surface of the shaft,

the seal lip having a two-step lip structure including a first step and a second step,

a plurality of protrusions extending in a direction parallel to a longitudinal axis of the shaft, said plurality of protrusions being formed on a surface of the second step.

Please add new claims 2-9 as follows:

2. (New) The reciprocating seal of claim 1, wherein said plurality of protrusions extend from a peak of said second step towards a sub seal lip.
3. (New) The reciprocating seal of claim 2, wherein said plurality of protrusions originate at one end from the peak of said second step.

4. (New) The reciprocating seal of claim 1, wherein said plurality of protrusions are equally spaced.
5. (New) The reciprocating seal of claim 1, wherein a shape of said plurality of protrusions is triangular.
6. (New) The reciprocating seal of claim 5, wherein a vertical angle of each of said plurality of protrusions is 60° to 120° .
7. (New) The reciprocating seal of claim 1, wherein a height of the plurality of protrusions is 2 to 500 μm .
8. (New) The reciprocating seal of claim 7, wherein the height is 5 to 100 μm .
9. (New) The reciprocating seal of claim 1, wherein an interval between peaks of the protrusions is 0.005 to 1.0 mm.